Weekly Metrics for May 9 - 15, 2004

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest	GES DAAC	0.9	1x Baseline	0.7	A, D
		Archive	GES DAAC	0.9	1x Baseline	0.7	A, D
ICESat (1/03)	GLAS	L0 Ingest	NSIDC	41	1x Baseline	25	S
		L1 Prod	NSIDC	115	1x Baseline	0	
		L2-3 Prod	NSIDC	43	1x Baseline	0	
		Archive	NSIDC	199		25	
		Distribution	NSIDC				
		End Users		166	Various	8	G, N
		Data Pool				9	R
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	88	
		L1 Prod	GES DAAC	1,211	Various	921	T
		L2 - 3 Prod	GES DAAC	213	3.045x Baseline	181	T
		Archive	GES DAAC	1,522	Various	1,191	T
		Distribution	GES DAAC				
		Production				274	
		End users		471	Various	407	G
		Data Pool				21	R
	AMSR-E	L0 Ingest	NSIDC	10	1x Baseline	6	B
		L1 Ingest	NSIDC	28	Various	7	B
		L2-L3 Prod	GHRC	77	3.045x Baseline	38	C
		Archive	NSIDC	114	Baseline	51	C
		Distribution	NSIDC				
		Production				6	
		End Users		35	1.015x Baseline	400	G, N
		Data Pool				26	R
	CERES	Archive	ASDC	496	Various	TBD	
		Distribution	ASDC				See
		Testing/QA		1,421	IT Requirements	TBD	Footnote Q
		End Users		109	1.015x Baseline	TBD	
	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	507	
		L1 Prod	GES DAAC	7,569	Various	2,572	M
		L2-L4 Prod	MODAPS	12,789	3.045x Baseline	8,169	H, L, P
		Archive	LP DAAC	7,034	Various	6,714	H, P
			GES DAAC	12,989	Various	4,058	H, L, M, P
			NSIDC	853	Various	475	H, P
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	0	
		End User		2,345	1.015x Baseline	244	G, N
		Data Pool				39	R
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	1,090	
		Production				2,807	
		End Users		4,157	1.015x Baseline	952	G, N
		Data Pool				177	R
		Distribution	NSIDC				
		End User		284	1.015x Baseline	0.3	G, N
		Data Pool				0.1	R
METEOR 3M (12/01)	SAGE III	Archive	ASDC	0.9	Various	2.9	D
		Distribution	ASDC				
		Production				0	
		End Users		0.02	1.015x Baseline	5.6	G, N
ACRIMSAT	ACRIM 3	Archive	ASDC	1	1x Baseline	0	D

(12/99)							
Terra (12/99)	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	241	E
		L1B Ingest	LP DAAC	271	1.015x Baseline	82	E
		L1B Archive	LP DAAC	271	1.015x Baseline	241	E
		L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	382	E
		Archive	LP DAAC	2,173	Various	706	E
		Distribution	LP DAAC				
		Production				244	
		End Users		1,221	1.015x Baseline	362	G, N
		Data Pool				21	R
	CERES	Archive	ASDC	357	Various	TBD	
		Distribution	ASDC				See
		Testing/QA		1,421	IT Requirements	TBD	Footnote Q
		End Users		119	1.015x Baseline	TBD	
	MISR	L0 Ingest	ASDC	249	1x Baseline	254	
		L1 Prod	ASDC	3,359	Various	3,064	
		L2-L3 Prod	ASDC	285	3.045x Baseline	284	
		Archive	ASDC	3,894	Various	3,602	
		Distribution	ASDC				
		Testing/QA		137	IT Requirements	430	
		Production				1,370	
		End Users		1,215	1.015x Baseline	3,523	G, N
		Data Pool				7	R
	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	527	
		L1 Prod	GES DAAC	7,570	Various	2,598	M
		L2-L4 Prod	MODAPS	12,789	3.045x Baseline	3,376	H, L, M, P
		Archive	LP DAAC	7,034	Various (L2-L4)	2,674	H, M, P
			GES DAAC	12,990	Various (L0-L4)	3,714	H, L, M, P
			NSIDC	853	Various (L2-L3)	117	H, M, P
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	0	
		End Users		2,345	1.015x Baseline	1,755	G, N
		Data Pool				122	R
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	866	
		Production				2,379	
		End users		4,157	1.015x Baseline	2,572	G, N
		Data Pool				48	R
		Distribution	NSIDC				
		End Users		284	1.015x Baseline	49	G, N
		Data Pool				0	R
	MOPITT	L0 Ingest	ASDC	2	1x Baseline	2	
		L1 Prod	SIPS	2	Various	0	I
		L2 Prod	SIPS	2	3.045x Baseline	0	I
		Archive	ASDC	6	Various	2	I
		Distribution	ASDC				
		Production				2	
		End Users		1	1.015x Baseline	3	G, N
		Data Pool				1	R
ADEOS-II (12/02)	SeaWinds	Archive (L0+)	PO DAAC			0	
		Distribution	PO DAAC			43	O
Jason-1 (12/01)	Poseidon 2	Archive (L0+)	PO DAAC			2	
		Distribution	PO DAAC	NA	NA	19	J
QuikScat (6/99)	SeaWinds	Archive (L0+)	PO DAAC			60	
		Distribution	PO DAAC	109	Weekly Average	714	J
TOPEX (8/92)	Poseidon	Archive (L1+)	PO DAAC			0	
		Distribution	PO DAAC	24	Weekly Average	14	J
Other	Various	Archive (L2+)	PO DAAC			7	

Missions	Instruments	Distribution	PO DAAC	NA	NA	173	K

Notes:

A. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.
B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirements is in process. L1 products are processed in Japan and sent to the US.
C. Includes forward processing for May 2-8 and reprocessing for 16 data dates in 2002 (between June 18 – July 12, 2002).
D. Data from this instrument is not transmitted to DAAC daily.
E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. In June 2003, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
F. Includes reprocessed data.
G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
H. Ingest/archival of MODIS L2+ products is dependent on MODAPS processing schedule.
I. Archival volumes for MOPII L1-L2 at LaRC products are dependent on MOPITT SIPS production schedule.
J. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
K. Includes distribution of educational materials.
L. Does not include the MODIS ocean color products processed at SeaDAS (SeaWIFS Data Analysis System).
M. Very little reprocessing of MODIS products was done.
N. Does not include distribution by data pool.
O. Currently distribution of ADEOS-II data is limited to the instrument team members for calibration/validation purposes.
P. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
Q. No information is available.
R. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics information, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
S. Since November 19, 2003, GLAS laser operates during intermittent observing periods to conserve laser power. Only the raw data product is delivered on a daily basis to the DAAC.
T. 2X reprocessing began on May 2, but AIRS data processing was impacted for 2 days (May 11 – 12) by system degradation due to code installation.

** Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:*

Processing Level	1st year after launch	2nd year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.